

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

March 14, 2006

TO: Internal File

THRU: D. Wayne Hedberg, Permit Supervisor

FROM: David W. Darby, Senior Reclamation Specialist

RE: 2005, 4th Quarter Water Monitoring, Plateau Mining Corp. (PMC), Star Point Mine, C/007/0006, WQ05-4, Task ID #2454

1. Was data submitted for all of required sites?

The Star Point Mine is in reclamation. The mines have been closed and sealed. The disturbed areas around the portals have been regraded to AOC and seeded. The current water monitoring schedule for the Star Point Mine is provided in Table 731.211a in Chapter 7 of the MRP. This report was prepared based on information in File: O:\007006.stp\Water Quality\datacheck2004-1_2005-3.xls. UPDES sites are still being reported to DEQ, however there are no UPDES sites associated with the mine. The water quality analysis schedule is shown in Table 731.211b.

Springs Spring 971 is required to be monitored monthly from May through September. If snow prevents access during May the operator monitors in June.

YES ☐ NO ☒ The attempted to monitor the spring on December 14, 2005 during the 4th quarter. Access could not be gained.

Streams Surface Water sites ST-1 and 10-1 are to be monitored quarterly. Operational quality sampling is identified in Table 731.211b, Chapter 7.

YES ☐ NO ☒ PMC monitored stream site 1-10 on November 18 and observed no flow. Site ST-1 could not be accessed on December 14, so no monitoring was conducted. The permittee should have attempted to access the site earlier. A flow was measured at ST-1 and water quality samples taken.

Wells All wells have been sealed.

YES ☐ NO ☐ N/A No open wells exist on the site.

UPDES UPDES permit, UT0023736, is still associated with the mine, however there are no ponds or mine discharges. PMC has applied to withdraw the UPDES permit, November 7, 2004, but the Division of Water Quality will not release the permit until final bond release. Active ponds associated with the coal refuse have been transferred to Star Point Waste Fuel Company.

YES ☐ NO ☐ N/A.

2. Were all required parameters reported for each site?

Springs YES ☐ NO ☐ The site was not accessed.

Streams YES ☐ NO ☒ Site 1-10 showed no flow and Site ST-1 could not be accessed.

Wells YES ☐ NO ☐ N/A

UPDES YES ☐ NO ☐ N/A

3. Were irregularities found in the data?

Springs YES ☐ NO ☒ As mentioned in Section 1 and 2. .

Streams YES ☒ NO ☐ More attempts should have been made to monitor Site ST-1.

Wells YES ☐ NO ☐ N/A

UPDES YES ☐ NO ☐ N/A

4. On what date does the MRP require a five-year resampling of baseline water data.

Resampling due date Does not specify.

5. Based on your review, what further actions, if any, do you recommend?

It is the Permittee responsibility to make sure the monitoring sites are monitored quarterly. If that requires attempts earlier in the quarter then it should be done. The Permittee will be notified that access is not an excuse. A copy of the data file will be e-mailed to the Permittee and DOGM Mine Inspector identifying any missing and irregular data. If the data is

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available, the Mine Operator should submit it to the DOGM Inspector and Hydrologist, so it can be entered into the Coal Database. If the data is not available the Operator may be in violation of R645-301-731-200. This will be discussed with the inspector.

Does the Mine Operator need to submit more information to fulfill this quarter's monitoring requirements? [] Yes [X] No

6. Follow-up from last quarter, if necessary.

Did the Mine Operator submit all the missing and/or irregular data (datum)?

The Permittee needs to submit Carbonate and T-Mg for Site ST-1 for the 2nd and 3rd quarters.

The Permittee will be contacted to see if the missing stream data is available.

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